In the Claims:

Please cancel claims 1 to 5, 8, 14 and 15 without prejudice and amend claims 6, 7 and 16 to 21:

Claims 1 to 5.(canceled)

6.(currently amended) The cook top as defined in claim 19[[5]], wherein the inorganic enamel paint is provided for the screen printing in the form of a pigment powder and a ratio of the pigment powder to screen printing medium during the screen printing amounts to from 0.4 to 2.0.

7.(currently amended) The cook top as defined in claim 16[[1]], wherein said inorganic pigment in said undercoat comprises a mixture of different colored pigments.

Claims 8 to 15.(canceled)

16.(currently amended) A cook top comprising

a transparent, colorless glass ceramic or glass panel providing a cooking surface, said glass ceramic or glass panel being made from pre-stressed special glass; and

an IR-permeable undercoat on an underside of the glass ceramic or glass panel, said IR-permeable undercoat consisting of a heat-resistant inorganic enamel paint;

~~The cook top as defined in claim~~ [[15,]] wherein said inorganic enamel paint comprises from 80 to 95 percent by weight of said inorganic pigment and from 5 to 20 percent by weight of said glass flux; and

wherein said glass flux comprises a glass with a thermal expansion coefficient less than or equal to $4*10^{-6}$ K^{-1}.

17.(currently amended) The cook top as defined in claim 16[[15]], having a bending strength of at least 110 Mpa and an impact resistance of greater than 0.5 Nm.

18.(currently amended) The cook top as defined in claim 16[[15]], wherein said lead-free glass flux comprises a lead-free borosilicate glass.

19.(currently amended) The cook top as defined in claim 16[[15]], wherein said undercoat is applied to said underside by screen printing and burning in.

20.(currently amended) The cook top as defined in claim 16[[15]], wherein said undercoat on said underside is a color-imparting decoration.

21.(currently amended) A cook top comprising

a transparent, colorless glass ceramic or glass panel providing a cooking surface, said glass ceramic or glass panel being made from pre-stressed special glass; and

an IR-permeable undercoat on an underside of the glass ceramic or glass panel, said IR-permeable undercoat consisting of a heat-resistant inorganic enamel paint; and

wherein said inorganic enamel paint comprises from 70 to 95 percent by weight of inorganic pigment and from 5 to 30 percent by weight of lead-free glass flux;

wherein said glass flux comprises a glass with a thermal expansion coefficient less than or equal to $4*10^{-6}$ K^{-1}; and

~~The cook top as defined in claim~~ [[15,]] wherein said lead-free glass flux has a composition, in percent by weight based on oxide content, consisting of:

Al_2O_3	3 – 20
BaO	0 – 4
B_2O_3	15 –27
CaO	0 – 4
F	0 - 3, in exchange for oxygen
K_2O	< 2
Li_2O	0 – 6
MgO	0 – 4
Na_2O	0 – 5
SiO_2	43 –65

Sb_2O_3	0 – 2
SrO	0 – 4
TiO_2	0 – 3
ZnO	0 – 4
ZrO_2	0 – 4